

Chaparral

Energy, L.P.C.

July 28, 2009

Osage Nation ENR Office
PO Box 1495
Pawhuska, OK 74056-1495

Re: Lease Name: Stith
Well No.: 1-S
Location: SW/4 Sec 5-T24N-R05E
Osage County, Oklahoma

OSG #1976
F.L. #1
3191
8/14/09
Andrew
8/14/09

Dear ENR Personnel:

The enclosed is our paperwork for an injection permit on the referenced well. This well was purposely drilled as a Salt Water Disposal well and therefore the enclosed Form 139 is for the application to drill and the subsequent Form 208 is the actual completion form sent to the Osage Agency of the Bureau of Indian Affairs.

We would like to begin injection into this well quickly, but there is no emergency involved. If you have any questions or need further data, please contact us at the address listed below.

Sincerely,



David P. Spencer
Manager of Regulatory Affairs

Cc: Mr. Bill Hurlbut, US Environmental Protection Agency Region 6, Dallas, Texas w/o enclosures



to be completed by UIC OfficeWell Name & No.: ST:1A #1-SPermit #: 056207
Date Rec'd: 8-3-09PERMIT APPLICATION CHECKLIST

Attached	Not Attached	
1. <u>✓</u>	<u> </u>	Osage Form 139, "Application for Operation or Report on Wells.
2. <u>✓</u>	<u> </u>	Osage Form 208 "Completion Report".
3. <u>✓</u>	<u> </u>	Copy of Plat Map showing wells within 1/4 mile radius of proposed well.
4. <u>✓</u>	<u> </u>	Tabulation of data on wells within 1/4 mile radius including well name, company name, date drilled, depth, exact location, status of well & record of pluggings/completions.
5. <u>✓</u>	<u> </u>	Injection well schematic showing total depth and plugback depth, depth from top & bottom of casing(s) & cemented intervals, cement amount, depth & size of casing & tubing, including depth of packer.
6. <u>✓</u>	<u> </u>	Operating data including: type of well; maximum and average injection rate; source and analysis of injected fluids including TDS, chlorides and additives; major geological formation with top bottoms.
7. <u>✓</u>	<u> </u>	Geological data of the injection zones including name(s), total thickness, porosity, lithologic description, permeability, injection depth, reservoir pressure/fluid level. Address the presence or absence of faults.
8. <u>✓</u>	<u> </u>	Public Notice verifications, consisting of a list showing names, addresses, and date that notice of permit application was given or sent to the surface land owner, tenants of land where the injection well will be located, each operator of a producing lease within 1/2 mile of the well location.
9. <u>✓</u>	<u> </u>	All available logging & testing data of the well attached.

- | | Attached | Not Attached |
|-----|--------------------------------------|-------------------------------------|
| 10. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12. | YES | <input checked="" type="radio"/> NO |
| 13. | YES | <input checked="" type="radio"/> NO |
| 14. | <input checked="" type="radio"/> YES | NO |
| 15. | <input checked="" type="radio"/> YES | NO |
| 16. | YES | <input checked="" type="radio"/> NO |
| 17. | <input checked="" type="radio"/> YES | NO |

Copy of surety bond filed with the BIA superintendent (25 CFR §266.6).

Certification form signed by the well owner/operator or authorized representative. (Authorization must be attached & in writing.)

Has the applicant declared any part of his submission as confidential? {147.2907}

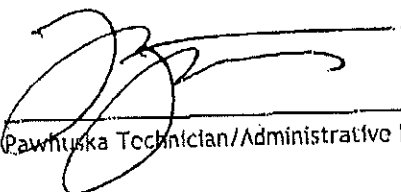
Is the well currently Authorized by Rule? If yes, Inventory No. _____.

Was the applicant required by EPA to apply for a permit?

Is the permit applicant ☒ the owner/operator. (Circle one or both.)

Has the applicant requested emergency authorization to inject? If yes, attach emergency checklist.

Berms and all facilities associated with saltwater system adequate?


Pawhuska Technician/Administrative Review

6W-SE Reviewer

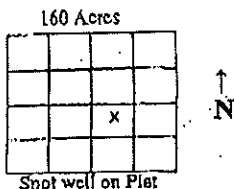
8.3.09
Date

Date

Osage Form 208 (2002)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
OSAGE AGENCY
P.O. Box 1539**

**Pawhuska, Oklahoma 74056
Report of Completed & Deepened Wells
Within the Osage Reservation**



Spot well on Plot

Specify type of well

Oil, Gas, CBM, SWD, Dry, etc. SWD

One original must be filed with in
10 days after completion of well.

Company operating CHAPARRAL ENERGY, L.L.C. Address 701 Cedar Lake Blvd., Oklahoma City, OK 73114Lessee Chaparral Energy, L.L.C. Lessor OSAGE TRIBESTITH
Well No. 1-S SW 1/4 Sec. 5 Twp. 24N Rgo. 05E Farm name STITHWell located 1005 ft. from [XX] S line, 1850 [XX] W line, Elevation GL 850 DF KB 862Elevation and location surveyed by TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMADrilling contractor(s) Blue Ribbon Drig., Roadrunner Drig., L.L.C. Began 6/08/2009 Finished 7/17/2009Cable drilled interval and bit size(s) N/AMud ☒ Air ☐ Rotary drilled interval & bit size(s) 17 1/2" HOLE TO 28'; 12 1/4" HOLE 28' TO 320'; 8 3/4" HOLE 320' TO 3705'; 6-1/8" 3705' TO 4848' (TD).

Size	Casing Record	Wt.	Landed at	Interval cemented	Cementing Contractor	Cement used; include type, gel, additives
13-3/8 ins.		lbs./ft.	28 ft.	28' to 0	CONSOLIDATED OIL WELL SERVICE, INC.	50 sks Class "A" cmt.
9-5/8 ins.		36 lbs./ft.	319.6 ft.	319.6 to 0		150 sks Class "A" cmt. w/2% CaCl, 6% OWC, 2% Gel & 40#/sx Phenoseal
7 ins.		23 lbs./ft.	3705 ft.	3705 to 2490		150 sks Class "A" cmt w/2% CaCl, 2% Gel, 6#/sx Gilsontite, 6% OWC, 10% Salt & 40#/sx Phenoseal

Interval(s) perforated holes to ; holes to ; holes to ;Interval(s) left open Open Hole 3705' - 4848' Interval(s) shut off and methodPlug back depth 4048' Packer set? YES Setting depth 3687' Packer left in? YESHow were fresh water and other zones protected? Surface cag. set w/cmt circulated to surface.Flow ☐ Pump ☐ Swab ☐ Ball ☐ Initial 24 hour Production Rate Before TreatmentCasing ☐ Tubing ☐ Choke size _____ Oil _____ bbls., Gas _____ MCF, Water _____ bblsDuration of test _____ hrs., Gravity _____ API FTP _____ psi SICP Not Tested psi SITP SWD Well psi

Formation treatment (shot, acid, fracture, etc.) Indicate amount of materials used (i.e., nitro, sand, water, acid, & other additives) and breakdown pressure.

Acid / Frac Arbuckle Limestone w/1800 gal 20% HCl. Flushed acid w/400 bbls SW then 3705 Feet to 4848loaded hole & pmdd 4 BPM @ 50#, Increased rate to 7 BPM @ 100#. ISIP = VAC. Feet to _____Feet to _____Flow ☐ Pump ☐ Initial 24 hour Production Rate After Treatment and Recovery of LoadCasing ☐ Tubing ☐ Choke size _____ Oil N/A bbls., Gas N/A MCF, Water N/A bblsDuration of test _____ hrs., Gravity _____ API FTP _____ psi SICP _____ psi SITP _____ psiLocation fee paid William E. Pryor Trust Date 5/06/2009 Amount \$5,500.00Signature David P. Spencer DATE 7/24/09 Position with Lessee Manager of Regulatory Affairs

David P. Spencer

SW 1/4 Sec 5, T 24N R. 05E

Datum Elev. KB 862'

FORMATION RECORD

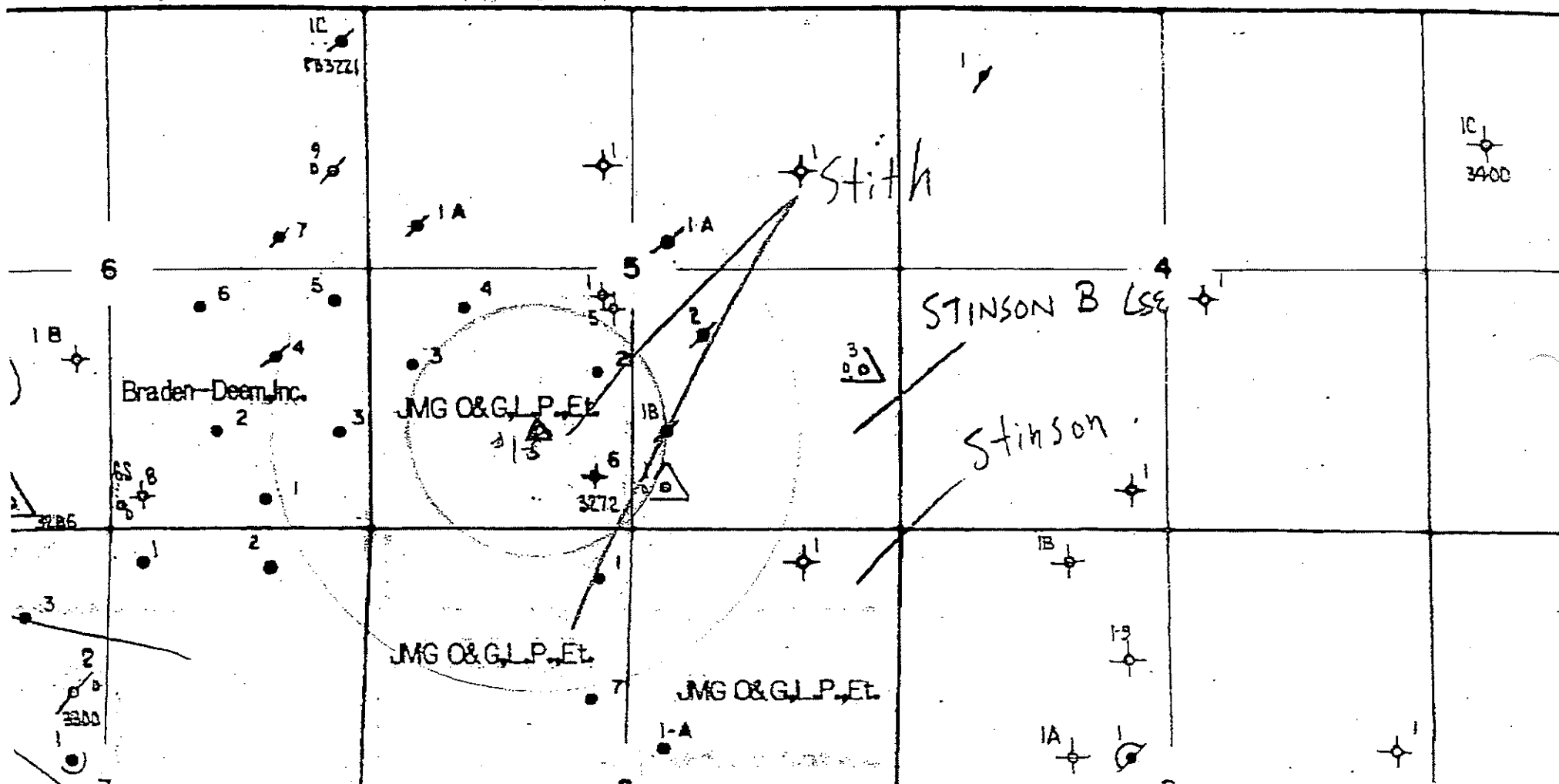
Well Number STITH S-1 SWD

[illegible]

Chaparral Energy, L.L.C.
 Stith #1-S SWD Well
 SW/4 Sec 5-T24N-R05E
 Osage County, Oklahoma

R 5 E

O&G-Sullivan & Co., LLC
 11-10-2004



OSAGE TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION
WELL WHICH PENETRATE THE INJECTION ZONE

Proposed Inj Well

Stith #1-S

Well Name Stith #2 Company Name National Associated Pat Date Drilled 6/2/1955 Depth 3225Location 1530' F S L & 350' F E L, SW 1/4, Sec. 5, T 24 N, R 05 E Status OilElevation 810 ☐ GL ☒ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
"	8-5/8"	123'			
"	5 1/2"	3225'			
"	"	"			
"	"	"			
"	"	"			

Formations Open To Wellbore: Mississippi ChatWell Name Stith #6 Company Name J. M. Graves Date Drilled 4/10/1975 Depth 3270Location 535' F S L & 400' F E L, SW 1/4, Sec. 5, T 24 N, R 05 E Status P&A'd - 1983Elevation 870 ☒ GL ☐ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
12 1/4"	8-5/8"	165'	125 sx Cl. A w/3% CaCl	Surface	
7-7/8"	4 1/2"	3264'	125 sx Pozmix w/2% gel, 10% NaCl, floccs & CFR-2		4 1/2 developed holes from 1675' to 2200'. To P&A Fill hole with mud then spot 10 sx Reg @ 3123-3223'; Spot 20 sx Reg @ 1861-2250'; Spot 60 sx Reg @ 502-1672'; Spot 20 sx Reg 129-500'; Cutoff 4 1/2 & POOH. Fill hole w/65 sx Reg from 129' to surf.
"	"	"			
"	"	"			
"	"	"			

Formations Open To Wellbore:

NONEWell Name Stinson B #1 Company Name Chaparral Energy, LLC Date Drilled 3/20/09 Depth 3596'Location 1650' F S L & 2310' F E L, SE 1/4, Sec. 5, T 24 N, R 05 E Status OilElevation 940 ☒ GL ☐ KB

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:
12 1/4"	8-5/8"	356'	225 sx Cl A w/2% CaCl, 2% gel, Gilsenite & phenosol	Surface	
7-7/8"	5 1/2"	3582'	175 sx Cl A w 2% gel, 2% CaCl, 10% NaCl, Gilsenite & Phenosol	2200 CBL	
"	"	"			
"	"	"			
"	"	"			
"	"	"			

Formations Open To Wellbore: Mississippi Chat

056196

WELL SCHEMATIC

Operator: Chaparral Energy, L.L.C.
 Completion Date: 07/21/09

Well Name & No.: Strith #1-S
1005 ft. ~~S~~ } line and 1650 ft. from ~~W~~ }
SW 1/4 Section 05 Township 24N Range 05E

Surface Elevation: 850' GL

Tubing Size: 4 1/2" IPC
 Weight: 10.5 #/ft.
 Length: 3687'

Packer Type: Arrowset IPC
 Set at: 3687'

3630 - 3700

Formation(s) perforated above
 packer: _____ to _____;
 _____ to _____

Open hole below production
 Casing from 3705' to 4848'
 Formation(s) present in open
 hole: Arbuckle

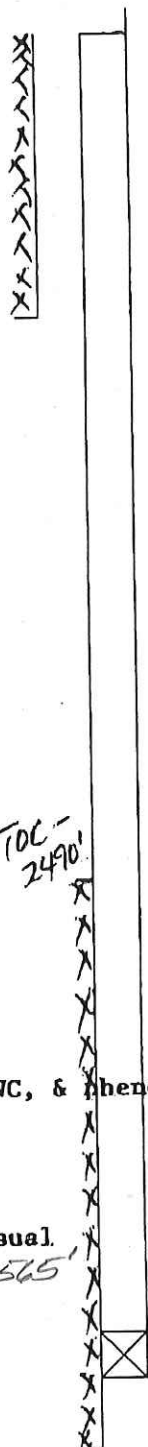
SURFACE CASING DATA

Hole size: 12 1/2 inches
 Casing size: 9-5/8 inches
 Weight: 36 lb/ft.
 Length: 335' ft.
 Cement type: Class A

Amount: 150 SX.
 Additives: 2% CaCl₂, 2% gel, 6% OWC, & Phenoseal
 Casing set at: 320 ft.
 Top of cement: 0 - Surf ft.
 Method of
 determination Circulated - Visual

$$1.18 \times 150 = 177 \times 3.1930 = 565$$

TOL -
2490'

INTERMEDIATE LINER/CASING

Hole size: _____ inches
 Casing size: _____ inches
 Weight: _____ lb/ft.
 Length: _____ ft.
 Cement type: Class _____
 Amount: _____ SX.
 Additives: _____
 Casing set at: _____ ft.
 Top of cement: _____ ft.
 Method of
 determination _____

~ 7" Csg

PRODUCTION CASING DATA

Hole size: 8-3/4 inches
 Casing size: 7 inches
 Weight: 23 lb/ft.
 Length: 3717 ft.
 Cement type: Class A
 Amount: 150 SX.
 Additives: 2% CaCl₂, 2% gel, 10% NaCl
 Casing set at: 3705 ft.
 Top of cement: 2490 ft.
 Method of
 determination CBL

$$1.18 \times 150 = 177 \times 6.6520 = 1177$$

TOL - 2528'

PBTD: _____
 TD: 4848'

NOTE: All depths are to be
 from ground level. If KB
 depths are used, make

notations on diagram and
 height of KB above ground
 @ 3687' level.

3705' - 7" - 23 #/ft

240'

DRX-1

410' FSL
2310' FSL

TD = 4848'

KB: 062'

DF:

GL: 850'

Chaparral Energy, L.L.C.

Well: 801th Lease , 1-S(SWD) , 5190--
 Operator: Chaparral Energy, L.L.C.
 Location: Osage County, OK
 Legal: Sec 5-T24N-R5E (SW/4)
 County: Osage, OK
 LAT/Long: /

Dir:

Spud Date: 06/09/09
 Drilling Finished: 07/02/09
 Completion Date:
 First Production:

TUBING #1:

Type	#Jcs	Size	Wt#/f	Grade	Sat@
Injection	91	4 1/2"	10.5		3687'

HISTORY:

Size: 12 1/4

9 5/8" .36 #J-55 @320' ,150 ex

TOC@ 2490'

Size: 8 3/4"

TOC per CBI.

Packer@3687'

7" Arrow Pkr
7" .23 #J-55 @3705' ,150 ex

3705' -4848' Arbuckle (OH)

Input by: S. Carleton
 Approved by:
 Last Update: 07/07/09

TD: 4848

WELL OPERATION & GEOLOGICAL DATAPermit Number 056207

(for Osage Use only)

Type of Injection Well: SWD (New / ~~Conversion~~ / ~~Authorized By Rule~~)
 (EOR / SWD / HC Storage)

Injection:

Rate (B/D): Average 5000 Maximum 5000
 Fluid: Tds 165,000 sp. Gr. 1.03 Analyses Included: ~~(Yes)~~ / No)
 Source (Formation name): Mississippi Chat
 Will anything be added to the water to be injected? ~~(Yes)~~ / No)
 What will those additives be? _____

Geologic Data:**All references to depths are below land surface.**

Injection Intervals: 3705' to 4848' TD ; _____ to _____
 Formation Name Arbuckle Lithology Limestone Porosity (%) 5
 Permeability (md) not available Total formation thickness 1143'
 Perforated or open hole interval Open Hole Interval 3705' to 4848'

Formation Name _____ Lithology _____ Porosity (%) _____
 Permeability (md) _____ Total formation thickness _____
 Perforated or open hole interval _____

Current Fluid Level in Well 4628' ft. (below land surface) and / or
 Current Reservoir Pressure _____ Date July 14, 2009
 Drill Stem Test ~~(Yes)~~ / No) If yes, attach copy.
 Depth of nearest fresh water well(s) 182' - 1.5 miles East ft.
320' - 1.5 miles West

Facilities Associated with Injection Well:

Adequate Berm around tank battery? (Yes / ~~No~~)
 Leaking Flow Lines? (Yes / ~~No~~)

Formation:

Top/Bottom From PBTD to Surface.

Osage Layton	2103	/	2210
Big Lime	2667	/	2776
Burbank	3055	/	3194
Mississippi Lime	3194	/	3518
Woodford	3518	/	3560
Arbuckle Lime	3648	/	4848

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION
(§147.2918 (b) (s) and §147.2929 (d) (ii))

Chaparral Energy, L.L.C. is applying for a permit for a Class II
(Operator Name)

Injection well. Well No. 1-S is located 1005 ft. from [XX S] line and
1650 ft. from [XX W] line. SW/4 Section 5- Township 24N-Range 5 East
(1/4 Sec. & Sec. No.) (Twp.) (Rge.)

The well will be used to inject Produced Salt Water into the Arbuckle Limestone
(Fluid Type) (Formation Name)

for (disposal/~~enhanced recovery~~). The well operator's address is _____

701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114
(Street/P.O. Box/City/State/Zip Code)

EPA may prepare a draft permit or a notice of intent to deny this application. Following the preparation of a draft permit or intent to deny, there will be an opportunity for public comments. For further information concerning the status of this application, please contact:

Osage UIC Office
P. O. Box 1495
Pawhuska, Oklahoma 74056
Phone: (918) 287-5333

Notice Sent To: (Surface Owner) Tenant/Operator) Circle one

William E. Pryor, Trust
% Victor Pryor Jr. - Trustee
Name

P.O. Box 858
Address

Holdenville, OK 74848
City / State / Zip Code

I certify that the surface owner(s), the tenants on land where the injection well is located, and each operator of a producing lease within one-half mile of the well location was mailed a copy of this notice as required by 40 CFR §147.2918.

David P. Spencer
(Owner/Operator Signature)

May 26 2009
(Date of Notice)

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION
§147.2918 (b) (s) and §147.2929 (d) (ii)

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(Operator Name)

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Osage UIC Office
P. O. Box 1495
Pawhuska, Oklahoma 74056
Phone: (918) 287-5333

Notice Sent To: (Surface Owner/Tenant) Operator Circle one

Braden & Deem, Inc.
Name
P. O. Box 28244
Address
Scottsdale, AZ 85255
City / State / Zip Code

I certify that the surface owner(s), the tenants on land where the injection well is located, and each operator of a producing lease within one-half mile of the well location was mailed a copy of this notice as required by 40 CFR §147.2918.

David P. Spencer *David P. Spencer*
(Owner/Operator Signature)

May 26 2009
(Date of Notice)

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION
(\$147.2918 (b) (s) and \$147.2929 (d) (ii))

Chaparral Energy, L.L.C. is applying for a permit for a Class II
(Operator Name)

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1650 ft. from Box W line. SW/4 Section 5- Township 24N-Range 5 East
(1/4 Sec. & Sec. No.) (Twp.) (Rge.)

The well will be used to inject Produced Salt Water into the Arbuckle Limestone
(Fluid Type) (Formation Name)

for (disposal/~~enhanced recovery~~). The well operator's address is _____

701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114
(Street/P.O. Box/City/State/Zip Code)

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Osage UIC Office
P. O. Box 1495
Pawhuska, Oklahoma 74056
Phone: (918) 287-5333

Notice Sent To: (Surface Owner/Tenant/Operator) Circle one

Chaparral Energy, L.L.C.
Name
701 Cedar Lake Blvd.
Address
Oklahoma City, OK 73114
City / State / Zip Code

I certify that the surface owner(s), the tenants on land where the injection well is located, and each operator of a producing lease within one-half mile of the well location was mailed a copy of this notice as required by 40 CFR \$147.2918.

David P. Spencer
(Owner/Operator Signature)

May 26, 2009
(Date of Notice)

This Bond Replaces Developers Surety and Indemnity Company Bond No. 886682C

B001236

Form 5-156
Oct. 1958UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
NATIONWIDE OIL AND GAS LEASE BONDCEI Bristol Acquisition, L.P., Chaparral Energy, L.L.C.,
Chaparral Oil, L.L.C.

KNOW ALL MEN BY THESE PRESENTS, That we,

of 701 Cedar Lake Blvd., Oklahoma, OK 73114

as principals, and U.S. Specialty Insurance Company

of 13403 Northwest Freeway, Houston, TX 77040, as surety, are held and firmly bound unto the United States of America the sum of one hundred fifty thousand (\$150,000) dollars, lawful money of the United States for the payment of which, well and truly to be made, we bind ourselves and each of us, our and each of our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated the 31st day of October, 2004

The condition of this obligation is such that whereas the said principal s have heretofore or may hereafter enter into or otherwise acquire an interest in oil and gas mining leases and oil and gas prospecting permits of various dates and periods of duration covering lands or interests in lands held by the United States in trust for individual Indians, or tribes or bands of Indians, or subject to restrictions against alienation without the consent of the Secretary of the Interior or his authorized representative, which leases and permits have been or may hereafter be granted or approved by the Secretary of the Interior or his authorized representative, and the identification of which herein is expressly waived by both principal s and surety y hereto.

WHEREAS the principals s and surety y agree that the coverage of this bond shall extend to and include all extensions and renewals of leases and permits covered by this bond, such coverage to continue without any interruption due to the expiration of the term set forth therein.

WHEREAS the surety y hereby waives any right to notice of any modification of any such lease or permit, or obligation thereunder whether effected by extension of time for performance, by commitment of such lease to unit, cooperative, or communitization agreement, by waiver, suspension, or charge in rental, except an increase thereof, by minimum royalty payment, except an increase thereof, by compensatory royalty payment, or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principal s and surety y agree that the neglect or forbearance of the obligee of any such lease or permit in enforcing the payment of any rental or royalty or the performance of any other covenant, condition, or agreement of any such lease or permit shall not in any way release the principal s and surety y, or either of them, from any liability under this bond; and

WHEREAS the principal s and surety y agree that in the event of any default under any such lease or permit, the obligee may prosecute any claim, suit, action, or other proceeding against the principals s and surety y, or either of them, without the necessity of joining the other.

Now, if the said principal s herein shall faithfully carry out and observe all the obligations assumed in said leases and permits to which CEI Bristol Acquisition, L.P., Chaparral Energy, L.L.C., Chaparral Oil, L.L.C. is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made, thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed

by the Secretary of the Interior relative to said oil and gas mining leases and permits, and shall in all particulars comply with the provisions of said leases, permits, rules and regulations, then this obligation shall become null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$ 25/1000; the total premium paid is \$ **3,750.00**.

Signed and sealed in the presence of-
WITNESSES:

X Thomas C. Lough
Thomas C. Lough
P.O. 701 Cedar Lake Blvd., OKC, OK 73114

X Terrell N. Lay
Terrell N. Lay
P.O. 701 Cedar Lake Blvd., OKC OK 73114

P.O. Molly Battenfield
Molly Battenfield
777 Post Oak Blvd., Suite 330, Houston, TX 77056

P.O. Diane E. Carey
Diane E. Carey
777 Post Oak Blvd., Suite 330, Houston, TX 77056

P.O. _____

P.O. _____

P.O. _____

P.O. _____

* Two witnesses to each signature

CEI Bristol Acquisition, L.P., Chaparral Energy, L.L.C.,
Chaparral Oil, L.L.C.

as to Mark A. Fischer [SEAL]
Mark A. Fischer, Manager

U.S. Specialty Insurance Company
as to W. Russell Brown, Jr. [SEAL]
W. Russell Brown, Jr., Attorney-in-Fact

as to _____ [SEAL]

as to _____ [SEAL]

DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
DEPUTY BUREAU DIRECTOR-TRUST SERVICES
1849 C STREET, N.W., MS-4639-MIB
WASHINGTON, D. C. 20240

2-16-2005

Approved:

Ben K. Bump
DEPUTY BUREAU DIRECTOR - TRUST SERVICES

Bond No. B001236

**Important Notice Regarding
Terrorism Risk Insurance Act of 2002**

In accordance with the Terrorism Risk Insurance Act of 2002 (the "Act"), this disclosure notice is provided for surety bonds on which U.S. Specialty Insurance Company is the issuing surety.

The premium attributable to any bond coverage for "acts of terrorism" as defined in Section 102(1) of the Act is Zero Dollars (\$0.00).

The United States will reimburse the Issuing Sureties for ninety percent (90%) of any covered losses from terrorist acts certified under the Act exceeding the applicable surety deductible.

The actual coverage provided by your bond for acts of terrorism, as is true for all coverages, is limited by the terms, conditions, exclusions, penalties, limits, other provisions of your bond and the underlying contract, any endorsements to the bond and generally applicable rules of law. This Important Notice Regarding Terrorism Insurance Risk Act of 2002 is for informational purposes only and does not create coverage nor become a part or condition of the attached document.

The rest of this page is intentionally left blank.

PA001236

POWER OF ATTORNEY

(To be used with bonds issued on behalf of U. S. SPECIALTY INSURANCE COMPANY)

Know All Men by These Presents That, U. S. SPECIALTY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Edwin H. Frank III, W. Russell Brown, Jr.

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed Three Million Dollars (\$3,000,000) and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the U. S. Specialty Insurance Company:

Be It Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

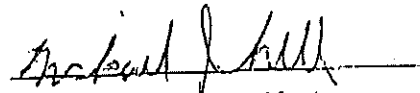
Be It Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted by unanimous written consent in lieu of meeting on July 7, 2003.)

In Witness Whereof, U. S. SPECIALTY INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 24th of August, 2004.

Corporate Seal

U. S. SPECIALTY INSURANCE COMPANY

By

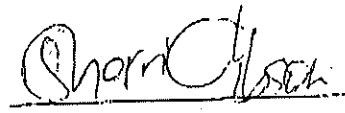
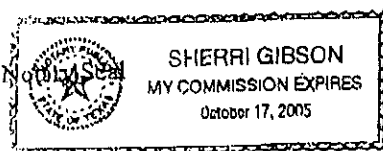

Michael J. Schell, President

State of Texas

County of Harris

ss:

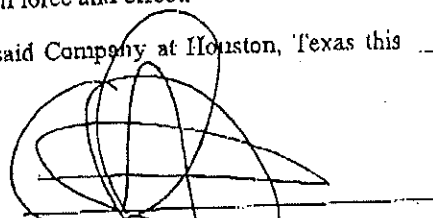
On this 24th of August before me personally came Michael J. Schell, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of U. S. SPECIALTY INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.


Notary Public
My commission expires 10-17-05

I, Christopher L. Martin, Secretary of U. S. SPECIALTY INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Company at Houston, Texas this 31st day of October, 2004.

Corporate Seal


Christopher L. Martin, Secretary

Bond No. B001236ASSUMPTION OF LIABILITY RIDER

It is hereby agreed by and between the undersigned principal and surety, in consideration for the additional premium or consideration paid for this rider, if any, and the consent by the United States to terminate the period of liability on surety bond number 886682C carrying the same principal and Developers Surety and Indemnity Company as surety, the undersigned principal and surety hereby assume any and all liabilities that may be outstanding on surety bond number 886682C, including, but not limited to, the obligation to properly plug and abandon all wells existing, to which surety bond number 886682C applies and any unpaid rentals or royalties heretofore accruing; provided, however, that this rider shall not act to increase the potential or cumulative liability of the surety above the face amount of the bond to which this rider attaches.

Executed this 31st day of October, 2004.

Witnesses

Name of Witness

Thomas C. Lough

701 Cedar Lake Blvd., OKC, OK

Address of Witness

701 Cedar Lake Blvd., OKC, OK

Principal's Address

Name of Witness Molly Battenfield777 Post Oak, Ste 330, Houston, TX 77056
Address of WitnessCEI Bristol Acquisition, L.P.,
Chaparral Energy, L.L.C.,
Chaparral Oil, L.L.C.,
Name of Principal

Signature

73114 Mark A. Fischer, Manager
Name and title of person executing for PrincipalU.S. Specialty Insurance Company
Name of Surety

Signature

W. Russell Brown, Jr., Attorney-in-Fact
Name and title of person executing for Surety13403 Northwest Freeway, Houston, TX 77040
Surety's Address

PA001236

POWER OF ATTORNEY

(To be used with bonds issued on behalf of U. S. SPECIALTY INSURANCE COMPANY)

Know All Men by These Presents That, U. S. SPECIALTY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Edwin H. Frank III, W. Russell Brown, Jr.

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed Three Million Dollars (\$3,000,000) and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming that the said Attorney-in-fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the U. S. Specialty Insurance Company:

Be It Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

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Be It Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted by unanimous written consent in lieu of meeting on July 7, 2003.)

In Witness Whereof, U. S. SPECIALTY INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 24th of August, 2004.

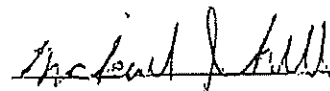
Corporate Seal

U. S. SPECIALTY INSURANCE COMPANY
By

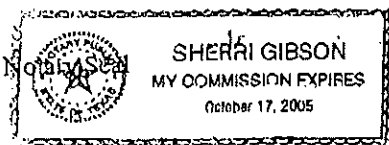
State of Texas

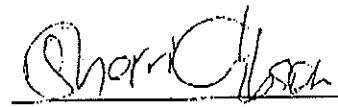
County of Harris

ss:


Michael J. Schell, President

On this 24th of August before me personally came Michael J. Schell, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of U. S. SPECIALTY INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

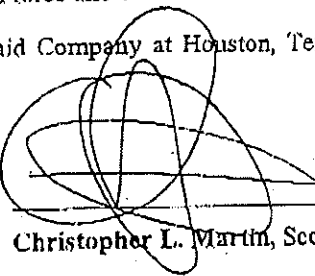



My commission expires 10-17-05

I, Christopher L. Martin, Secretary of U. S. SPECIALTY INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

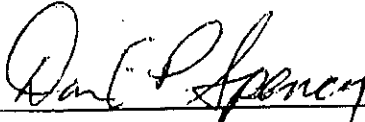
In Witness Whereof, I have hereunto set my hand and affixed the seal of said Company at Houston, Texas this 31st day of October, 2004.

Corporate Seal


Christopher L. Martin, Secretary

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fine and imprisonment.



Name David P. Spencer

Manager of Regulatory Affairs

Title

****If certification is signed by a party other than the injection well owner/operator a written statement of authorization signed by the owner/operator must accompany the application.***

STATEMENT OF AUTHORIZATION

I, Mark A. Fischer, hereby authorize David P. Spencer to act in my behalf in executing any necessary forms, to include Permit Applications, Compliance Reports, etc., as required by the Environmental Protection Agency Underground Injection Control Program.

Mark A. Fischer

Printed Name

David P. Spencer

Signature

Manager of Chaparral Energy, L.L.C.

Title

March 12, 2009

Date